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## SecurSight: an architecture for secure information access

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This paper appears in: [Computer Security Applications Conference, 1999. \(ACSAC '99\) 15th Annual](#)

Publication Date: 1999

On page(s): 349-357

Meeting Date: 12/06/1999 - 12/10/1999

Location: Phoenix, AZ, USA

ISBN: 0-7695-0346-2

References Cited: 14

INSPEC Accession Number: 6461273

Digital Object Identifier: 10.1109/CSAC.1999.816046

Posted online: 2002-08-06 22:49:19.0

### Abstract

This paper describes SecurSight, an architecture that combines authentication, authorization and secure communications. The primary goal of this architecture is to secure access to network resources by providing a smooth migration path from legacy authentication and authorization methods to a secure infrastructure. Authentication may utilize either shared secrets or public/private key pairs. Authorization is public-key based and provides both direct support for PKI-aware applications and indirect support for legacy applications. Authorization credentials are portable, and may be used in location-independent applications. The need for cumbersome export and import procedures is eliminated.

### Index Terms

Indexing

Controlled Indexing

[authorisation](#) [message authentication](#) [public key cryptography](#) [telecommunications security](#)

Non-controlled Indexing

[PKI-aware applications](#) [SecurSight architecture](#) [authentication](#) [authorization](#) [applications](#) [portable authorization credential](#) [public-key infrastructure](#) [public/private key pairs](#) [secure communications](#) [secure information access](#) [secure network resources](#) [shared secrets](#)

Author Keywords

Not Available

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